

Agd 2647

Agd 3452 - 3472

615 Turns., Correction 17.

Tanner Recd.

Turns.	Cor?	
100 -	0	Correct in
150 -	1	same manner
200 -	2	as for Sighbar
250 -	3	
300 -	4	
350 -	5	
375 -	6	
400 -	7	
425 -	8	
450 -	9	
475 -	10	
500 -	11	30 turns - + 1
525 -	12	30 turns - + 2
550 -	13	50 turns + 3
560	14	
565 -	<u>14</u>	
580 -	15	
600 -	16	
615 -	17	
<u>55</u>		
<u>560</u>		
		560 289

615
27
590

Begins

Dredge N° 3452

Hydro N° 2647
Ends

Dredge N°

Dyadost. $\frac{560}{30} \frac{8\ 14}{530} \underline{12}$

, 50

$\frac{370}{134}$ 615 $\frac{5560}{57}$
 $\frac{26}{4}$ $\frac{47}{568}$ $\frac{509}{}$

~~520
3615
20~~

6115

615
44
591

$\frac{560}{56}$
 $\frac{56}{504}$

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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
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700				
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900				
1000				

* REMARKS:

No. 3452 Dr.

Date

August 29th 91

Danner Machine. — Reel.

Turns 119 Cor. + 6 Depth 125 fms

Shot or lead 26 lbs

Bottom rocky bk. S.

Bottom temperature 44⁵

No. of thermometer 69476 Cor. —

Corrected temperature 44⁵

Air 57° Surface 53° Drift 1 mile E. by S.

Trawl or dredge L. 10

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
11.41.35	11.41.10	0	11.57.00	28.30
42.25	43.40	100	12.03.00	25.15
42.41	11.43.00	200	16.30	22.15
		300	10.00	12.19.00
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
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		2100		
		2200		
		2300		
		2400		

Mr. Danner left New York day and
collection boat to set trawl line at
12.30 - returning at 3.15 -

Caught - 14 Black Cod
Maximum weight 20 lbs.
Average weight 12 $\frac{1}{2}$ lbs.

No wind as boat on
end of the course line.

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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
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900				
1000				

REMARKS:

2 *Sebastolobus*
 7 *Antedon*, 1 *Astroblepus*
 2 dog. urchins, 1 *Spint. praevenus*
 few brachiopods, peatm & other shells.
 Ophiurans, 2 sp. stars.

No. 3453 or Date

August 29/91

Trawl Machine Reel.

Turns 114 Cor. + 6 Depth 130

Shot or lead 26 lbs

Bottom gy S & K Sp.

Bottom temperature 44.4

No. of thermometer 69476 Cor. -

Corrected temperature 44.4

Air 61° Surface 57° Drift

Trawl or dredge S 13. 13 km E.W.E

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
P.W DOWN.	UP.		CW DOWN.	UP.
4-16-0	49-0	0	4-51-0	36-0
47-0	4-48-0	100	55-0	38-0
		200	59-0	30-0
		300	5.00-0	5-27-0
		400		
		500		
		600		
		700		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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1 *Atheresthes stomaia*
 2 *Sebastodes* (like pininger) ^{REMARKS:} limnates
 6 scales - 2 species
 peak red prolocus
 " ophiurus,
 1 holothurian
 1/2 dog shells

J.C.B.
No. 2647 26 yds. Date

September 1st 91

Tanner Machine. - Reel. -

Turns 69 Cor. + 5 Depth 74 fms

Shot or lead 26 lbs.

Bottom R.

Bottom temperature 45° 2

No. of thermometer 69476 Cor. -

Corrected temperature 45° 2

Air 53 Surface 52 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
AM DOWN.	AM UP.		DOWN.	UP.
6 22.30	6.23.80	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
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		900		
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		2400		

At 6²⁸ lowered dory and flat boat, to set
trawl, Mr. Alexander in charge, returning
at 8:40 AM. Caught 1 Salmon.
Set one cod trawl, morning each end
by a boat in addition to the usual traps.

Heavy fish - short rocky bottom -
anchored down - no fish found.

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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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REMARKS:

No. Date
 Turner Machine. — Reel.
 Turns Cor. + Depth 159
 Shot or lead 26 ft
 Bottom 97.0 m. 100 ft.
 Bottom temperature 44.
 No. of thermometer 69476 Cor. -
 44.2
 Corrected temperature 44.2
 Air Surface Drift The knot
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	36.00	0		18.00
	44.0	100		18.0
	52.0	200		18.0
	60.0	300		18.0
	68.0	400		18.0
	76.0	500		18.0
	84.0	600		18.0
	92.0	700		18.0
	100.0	800		18.0
	108.0	900		18.0
	116.0	1000		18.0
	124.0	1100		18.0
	132.0	1200		18.0
	140.0	1300		18.0
	148.0	1400		18.0
	156.0	1500		18.0
	164.0	1600		18.0
	172.0	1700		18.0
	180.0	1800		18.0
	188.0	1900		18.0
	196.0	2000		18.0
	204.0	2100		18.0
	212.0	2200		18.0
	220.0	2300		18.0
	228.0	2400		18.0

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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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1000				

REMARKS:

; and
was

travel u

2 days 10 hrs 2 hours 60.
11 10 10 60.
7 10 10 60.
10 10 10 60.

No. 1100 Date Sept 11

Tanner Machine. Reel.

Turns 146 Cor. + 6 Depth 152 fms

Shot or lead 26 lbs.

Bottom 911.0. fms

Bottom temperature 44.5°

No. of thermometer 694476 Cor. -

Corrected temperature 44.3°

Air 59° Surface 54° Drift 1/2 N by E

Trawl or dredge L.B.

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0	10.32	
		100	10.32	
		200	10.32	
		300	10.32	
		400	10.32	
		500		
		600		
		700		
		800		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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50				
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900				
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REMARKS:

No.

Date

Machine. Reel.

Turns 130 Cor. + 6 Depth 136

Shot or lead 26 lbs

Bottom 95 fms

Bottom temperature 44°

No. of thermometer 67176 Cor. -

Corrected temperature 44.2

Air 59.5 Surface Drift 11

Trawl or dredge Large

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
200	070	0	12-45-0	34-0
300	1	100	49-0	51-2
		130		
12-050		200	50-0	29-1
		300	57-0	25-1
		360	59-0	1-32-0
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25		8 - 186.1	300.0	
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Fish
After the station 9
Borehole position 6 flooded
Glyptothecum position 3
Chlorophyllum 10
skirt 2

Bottom of the tank 10
Depth 10

No.

Date

Machine. Reel.

Turns Cor. + 7 Depth 142

Sheet or lead

Bottom 94.8

Bottom temperature 44°

No. of thermometer 69476 Cor. -

Corrected temperature 44° $\frac{1}{10}$ hour

Air 60° Surface 52 Drift S. 4 W.

Trawl or dredge - weight 1

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		20 35
		100	4 02 00	7 07
		200	6 15	2 20
		300	15 10	1
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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Lining T. Gull
Dredge 13 m. 10 sec.
Lat 51° 13' Call. K. 1 d. 6 h.

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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
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200				
300				
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800				
900				
1000				

REMARKS:

1. Small fish seen near hills
 1/2 hr small serpent flats
 3. sharks
 1. dog fish
 1. ~~shark~~ seen
 1. P. Sea Urchin

No.

Date

Machine. Reel.

Turns 109 Cor. + 6 Depth 115 fms.

Shot on lead 26 lbs.

Bottom dark & stony

Bottom temperature —

No. of thermometer 691176 Cor. —

Corrected temperature —

Air 57° Surface 51° Drift

Travel on dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE	
DOWN.	UP.		DOWN.	UP.
7,30.00	34.00	0		
31.15	82.00	100		
31.40	7,31.50	200		
		300		
		400		
		500		
		600		
		700		
		800		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
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REMARKS:

1415 1415

1415

No. 117 J. St. Date
 Diver Machine Reel.
 Turns 117 Cor. + Depth 117
 Shot or lead 364
 Bottom 64.8 + 5
 Bottom temperature 44.5
 No. of thermometer Cor.
 Corrected temperature 44.5
 Air 60.7 Surface 113 Drift N.W.E.
 Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		19.00
		100	53.00	14.30
		200	56.00	12.00
		300	10.00.0	09.30
		400	02.0	10.00.00
		500		
		600		
		700		
		800		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
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REMARKS:

Net upset & tangled from jumping over rocks.

1/2 hr. best return 2 (200 fms.)
 1/2 hr. bottom - 100 fms. &
 few Ophidians - 1 Cuvier
 few shells

No. 26486 Date Nov. 25, 1911
Tanner Machine Reel.

Turns 88 Cor. + 5 Depth 93 fms

Shot or lead 26 lbs

Bottom Sand P.

Bottom temperature 44°

No. of thermometer 69 + 16 Cor. -

Corrected temperature 44.5°

Air 59 Surface 53 Drift

Trawl or dredge

SOUNDING WIRE. DOWN.	UP.	TURN.	DREDGE ROPE. DOWN.	UP.
12.17.10	12.20.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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REMARKS:

No. 12577 Date 10/14/00

Janner Machine. Reel.

Turns 49 Cor. + + Depth 53 fms

Shot or lead 76 lbs

Bottom gy. S.

Bottom temperature 46°

No. of thermometer 604276 Cor. -

Corrected temperature 146

Air 59 Surface 53 Drift 2 NE E

Travel or dredge *Augt 21 1891*

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.47.30	12.50.00	0	12.53.20	20.00
		100	56.55	16.10
		200	89.06	14.15
		300		
		400		
		500		
		600		
		700		
		800		
		900		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
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300				
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800				
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REMARKS:

- 1 young halibut 1.5 ft long
 1 white sturgeon 10' long
 1 Pacific salmon 10' long
 1 Pacific salmon 10' long
 1 rock halibut 10' long
 1 cunner 12 cm long

No. 2650 May Date Sept 2nd.

Machine. Reel.

Turns 41 Cor. + 3 Depth 44 fms

Shot or lead 26 lbs

Bottom gy. 1

Bottom temperature

No. of thermometer 69 476 Cor.

Corrected temperature 47°

Air 60 Surface 54 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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REMARKS:

No. 3461 A 2 Date

Tanner Machine Reel.

Turns 108 Cor. + 6 Depth 114

Shot or lead 26 lbs.

Bottom 6 fms. + Rks

Bottom temperature 44°

No. of thermometer 94 Cor.

Corrected temperature 47.4° 1 1/2°

Air 60 Surface 55 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
36.00	39.00	0	340 45	10.30
" "	" "	100	" "	07.30
" "	" "	200	49.70	05.00
" "	" "	300	52.70	11.03
" "	" "	400	" "	"
" "	" "	500	" "	"
" "	" "	600	" "	"
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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REMARKS:

higher.
 2 Microstomus
 2 day. small shells
 few in water
 160. minutes. 1.60 minutes.
 few % in oil

No. 40001 Date Sept 1901

Jan 1901 Machine Reel.

Turns, 60 Cor. + 4 Depth 6

Shot or lead 2 lb

Bottom S + P

Bottom temperature 45°

No. of thermometer - Cor. -

Corrected temperature 45°

Air 52 Surface 50 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
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REMARKS:

No. Date 1911
Tanner Machine Reel

Turns 90 Cor. + Depth 95 fms

Shot or lead 26 lbs

Bottom Rely u

Bottom temperature

No. of thermometer 69476 Cor. -

Corrected temperature 44 "

Air 56 Surface 57 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		90		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Mr. C. makes up ship's line
at 92' and sets trawl
Relying rat 11.0"

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 3462 D. Date Sept.

Machine. Reel.

Turns 87 Cor. + 5 Depth 92 fms.

Shot or lead 26 lbs.

Bottom dk. s. Rhy.

Bottom temperature 44.²

No. of thermometer 69 47 Cor. -

Corrected temperature 44.⁸ N.E.

Air 51 Surface 53⁰ Drift $\frac{1}{2}$ mile.

Trawl or dredge C B.

SOUNDING WIRE,		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
12.38.00	40.40	0		1
39.00	12.39.10	100		10.00
		200		07.00
		300		05.00
		400		03.00
		500		02.00
		600		01.00
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
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3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Collected 100 fms. depth.
 At the bottom 1 fm. thick
 flat bottom - low bottom
 small gravel - 1 Liparis.

No. 14 Date
Summer Machine Recl.

Turns 43 Cor. + 2 Depth 45 fathoms
Shot or lead 26 lbs.

Bottom 94.8

Bottom temperature 47.5

No. of thermometer 6.92176 Cor. -

Corrected temperature 47.8

Air 56° Surface 52° Drift 1/2 m

Trawl or dredge 2 mgs. 13 mm.

SOUNDING WIRE, DOWN.	UP.	TURNS, DOWN.	DREDGE ROPE, UP.
		0	
		100	
		200	
		300	
		400	
		500	
		600	
		700	
		800	
		900	
		1000	
		1100	
		1200	
		1300	
		1400	
		1500	
		1600	
		1700	
		1800	
		1900	
		2000	
		2100	
		2200	
		2300	
		2400	

2500'	61°, 60°, 60°, 60°
2600	fishing bank
2700	
2800	
2900	
3000	
3100	
3200	
3300	
3400	
3500	
3600	
3700	
3800	
3900	
4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Hermits Cay
100 fms

No.

Date

Anvov Machine Recl.

Turns 38 Cor. + 2 Depth 110 fms

Shot or lead 26 lbs

Bottom 94 8 + 0

Bottom temperature 71

No. of thermometer 69476 Cor. -

Corrected temperature 47⁸

Air 61° Surface 55° Drift 1/4 m 042%

Trawl or dredge Large Beam

SOUNDING WIRE		TURNS	DREDGE ROPE	
DOWN.	UP.		DOWN.	UP.
		0		
		100	07-0	11-12-0
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

no writer

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3100
3200
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3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

11
 Two brachio pods & other shells.
 few sand fish, & a few small
 sand fish. 1 o'clock
 Jack P. is few sand fish
 2 sp. fish, hyacinth, & a few

No. 2653 26y¹ Date Sept

Jar. wt Machine. Reel.

Turns 51 Cor. + 4 Depth 55

Shot or lead 26 lb

Bottom gy. S. E. +

Bottom temperature 48°²

No. of thermometer 69476 Cor. -

Corrected temperature 48.²

Air 62 Surface 55 Drift

Trawl or dredge

SOUNDING WIRE.	TURN.	DREDGE ROPE.
DOWN. 7716 UP. 7716		
12.10.50	0	
11.10 12.11.13	100	
	200	
	300	
	400	
	500	
	600	
	700	
	800	
	900	
	1000	
	1100	
	1200	
	1300	
	1400	
	1500	
	1600	
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	1800	
	1900	
	2000	
	2100	
	2200	
	2300	
	2400	

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3100
3200
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3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Danner Machine. Reel.

Turns 18 Cor. + 1 Depth

Shot or lead 26 lbs

Bottom Rely

Bottom temperature 53°

No. of thermometer 69476 Cor. -

Corrected temperature 53.5°

Air 59 Surface 58 Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
03.15	1.04.00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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		1400		
		1500		
		1600		
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3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

4 B
no. 7

No. 2465 A.V. Date Oct 11, 1891

Danner Machine Reel.

Turns 44 Cor. + 4 Depth 48 fms

Shot or lead 26 lbs

Bottom Rely.

Bottom temperature

No. of thermometer 69476 Cor. -

Corrected temperature 49.9

Air 55 Surface 55 Drift 11

Trawl Large

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
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3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700	10.0	10.0	10.0	10.0
800				
900				
1000				

REMARKS:

2 key divids

No. 3466 D. Date Sept 4th 1891
Tanner Machine. - Reel.

Turns 5 Cor. + Depth 56 fms.
Shot or lead 26 lbs.

Bottom gy. S. Sh. Rkg.

Bottom temperature 48.5

No. of thermometer 69.476 Cor. -

Corrected temperature 48.5 1/2 knot

Air 58° Surface 53° Drift South

Trawl or dredge Large

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3.53.10	55.00	0	3.57.00	22.00
54.10	3.54.20	100	4.03.00	19.00
		200	12.30	4.17.30
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

1 bu. Michius REMARKS: 2 Flounders.
 1 pk. Pectens. Shrimps. Hydrozoa,
 shells with Barnacles.

Lat. ^{30°} 32° S. Long. 168° E.

No. 1 Survey

Date 1871-10-11.

Machine. # / Reel. No. 1

Turns 48 Cor. + Depth 52 fms.

Shot or lead 35 lbs.

Bottom fine. th. S.

Bottom temperature 49°

No. of thermometer 69 Cor. -

Corrected temperature 49°

Air 58 Surface 53° Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
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		1400		
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3800
3900
4000

SERIAL TEMPERATURES:

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 3467 N.Y. Date 11
September Machine #1 Recl. Sta

Turns 284 Cor. + 26 Depth 310

Shot or lead 26 lbs.

Bottom fine sand & rock 0/k.

Bottom temperature

No. of thermometer - - - - - Cor.

Corrected temperature

Air 75 Surface 76 Drift

Trawl or dredge small

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1. 58. 40	07. 30	0		31. 15
50. 30	66. 30	100	14. 10	28. 00
		200		25. 10
		300		22. 30
		400		19. 30
		500	32. 00	16. 50
		600	34. 30	13. 20
		700	3. 02. 00	3. 09. 00
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

1 *Leptostomum* - 2 sp.
1 *Leptostomum* - 2 sp.
3 *Leptostomum* - 1 sp. + 2 sp.
2 *Leptostomum* - *Bryum* + *Acne*
2 *Leptostomum* - *Bryum* + *Acne*
2 *Leptostomum* - *Bryum* + *Acne*
1 *Platynotus* - (1 sp. + 2 sp.)

No. 3468 Date 10/11/11

Place Machine Reel.

Turns Cor. + Depth F']

Shot or lead 14 fms.

Bottom S. & Co.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 75 Surface 76 Drift —

Trawl or dredge — Trawl.

SOUNDING WIRE.

DOWN. UP.

TURN.

DREDGE ROP.

DOWN. UP.

4-22-30

14, 33-70

25-00

24-31, 111

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

D

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700	Act.	Jan.		
800	L.W.C.	Mar. 29th.		
900				
1000				

REMARKS:

2 small red fishes
 5 " " wrasse
 3 " " apolemias
 1 " " crab,
 small piece coral.
 Corals in bottom of dredge

No. 3469. S. Date Dec 3 - 1891.

gbee Machine. & Reel.

Turns 13 Cor. + 1 Depth 14 fms.

Shoot or lead 38 lbs.

Bottom S.R.C.

Bottom temperature -

No. of thermometer — Cor. —

Corrected temperature -

Air 71 Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
5	16	0	5	16
		100	2	17
		200		30
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

2 large masses coral
1 starfish 1 ophiuran
in shell.
Algae bryozoan

Long

No. 1042 Date December 4

Depth Machine. #1 Reel. Name

Turns 314 Cor. + 29 Depth 34.5 fms

Shot or lead 38

Bottom weight. 5.

Bottom temperature 43.3

No. of thermometer 69481 Cor.

Corrected temperature 43.0

Air 17 Surface 76 Drift

Trawl or dredge No. 10.

SOUNDING WIRE.		DEPTH.	DREDGE ROPES.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500		
2600		
2700		
2800		
2900		
3000		
3100	46.2	41.7
3200	31.6	19.1
3300	32.6	18.
3400		31
3500		34.2
3600		
3700		
3800		
3900		
4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS: Good haul

Fishes: 6 sp., 4 sp. like *Percisces*,
 $\frac{1}{2}$ sp. small like *Amia* now. 1 large fish.
 2 sp. Starfish, several sp. etc.
 1 very large octopus, soft & fragile.
 6 sp. crabs - numerous sp. etc.
 1 naked mollusk $\times 2$ in.

No. 15 Date December 4, 1893
Trawl Machine. 1 Reel. Navy

Turns 308 Cor. + 29 Depth 337 fms.

Shot or lead 38 lbs

Bottom fine sand

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 77 Surface Drift

Trawl or dredge C. 1

SOUNDING WIRE. DOWN.	UP.	TURN'S	DREDGE ROPE. DOWN.	UP.
39.30	37.40	0		
	37.10	100		37.10
	36.80	200		36.80
34.60	35.10	300		34.60
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
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2500	
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2900	1 1 1 1
3000	
3100	
3200	
3300	
3400	
3500	
3600	
3700	
3800	
3900	
4000	

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 571 Date May
Dredge Machine #1 Reel.

Turns Cor. + Depth

Shot or lead 38 lbs

Bottom one & 1/2 fms.

Bottom temperature —

No. of thermometer — Cor.

Corrected temperature

Air 77 Surface 78 Drift

Trawl or dredge

SOUNDING WIRE, DOWN.	UP.	TURNs,	DREDGE ROPE, DOWN.	UP.
574-30	57-0-0	100	5	5
		200	10	10
		300	15	15
		400	20	20
		500	25	25
		600	30	30
		700	35	35
		800	40	40
		900	45	45
		1000	50	50
		1100	55	55
		1200	60	60
		1300	65	65
		1400	70	70
		1500	75	75
		1600	80	80
		1700	85	85
		1800	90	90
		1900	95	95
		2000	100	100
		2100	105	105
		2200	110	110
		2300	115	115
		2400	120	120

2500
2600
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3000
3100
3200
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3400
3500
3600
3700
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3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25			46.82	31.9
50			57.0	19.4
100			94.12	25
200				27.0
300				29.0
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

2 lat fishy.

Small amount of convection
with occasional decompression along River
bottom. Bottom water
about 10° less than
surface. Surface
2° higher than
depth small stratified, from about 200 fms.
that bottom.

No.

Date

Sounding

Machine

Recl.

Turns 290 Cor. + 23

Depth 813

Shot or lead 60 lbs

Bottom fine gy. S.

Bottom temperature 43° E

No. of thermometer 64480 Cor. —

Corrected temperature 43.8

Air 75° Surface 76 Drift 3x8 1/2 E

Trawl or dredge 25,

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

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3400

3500

3600

3700

3800

3900

4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Shoalie Machine. Reel. Sta

Turns Cor. + 27

Depth 75

Shot or lead 36

Bottom 41.5 m.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 70 Surface 77 Drift 2 S. 1/2 W.

Trawl or dredge Large Box

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
06.10	14.30	0	8.18.45	54.00
	0.40	100	22.30	14.00
25	13.05	200	35.35	51.10
	2.35	300	5.35	1.35
25	8.11.00	400	31.35	45.70
		500	32.35	42.53
		600	3.35	37.36
		700	4.35	38.20
		800	4.35	9.28.30
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
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2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

34.8
36.9

SERIAL TEMPERATURES.

25
34

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP. 68
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Flint: 2.17 miles, 38 fathoms - 30°!
286 fms. 2 miles to port? 4°
Rock strata 40 fms. 2 large sections
crossed, few fathoms - 4°.
Wind 10 m.p.h., small waves to
30 fms. 1 shell washed, 2 pieces, white
marl, shell.

long

No.

Date

Sig. Machine. 1/ Reel. Starry

Turns 326 Cor. + 25 Depth 351 fms

Shot or lead

Bottom fine white sand

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air 77 Surface 76 Drift 1 1/2 N by N

Trawl or dredge Large Beam

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		12-20-30
29.30	36.35	100	40.35	59.50
		200		
		300		
		400		
		500	54.80	41.50
		600	57.30	42.00
		700	11.01.00	38.00
		800	04.55	11.33.40
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500		
2600		
2700		
2800		
2900		
3000		
3100	39.77	159
3200	31.1	154
3300	6.5	5
3400		
3500		
3600		
3700		
3800		
3900		
4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25			43	
50			31	
100				74
200				
300				
400				
500				
600				
700	July 1st morning			35°.
800				
900				
1000				

REMARKS:
 Fishes: 2 dog. Macracanthus, 2 sp.
 Numerous stars, 2 sp.
 3 crinoids (Mutidium)
 Few shells - 3 sp. 3 flexible cushion-fld.
 " naked mollusks, 1 squid
 Several sp. prawns. Sponges with
 fine spicules, Anemones,
 Pennatula

No. 3476 d^r Date Dec 6 - 1891
Sigsbee Machine. 21 Reel Name.

Turns 276 Cor. + 22 Depth 298 fms.

Shot or lead 60 lbs.

Bottom fre. wh. S.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 77 Surface 75 Drift

Trawl or dredge L.B.

P.M.	SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
	DOWN.	UP.		COR.	DOWN.
12-56-30	03-00		0	1-04-30	23-00
57-45	02-15		100	1-57-30	19-30
58-45	01-30		200	10-00	16-30
59-30	00-45		300	13-30	15-30
			400	17-00	10-00
			500	20-30	06-45
			600	24-00	2-03-00
			700	28-00	1-59-30
			800		
			900		
			1000		
			1100		
			1200		
			1300		
			1400		
			1500		
			1600		
			1700		
			1800		
			1900		
			2000		
			2100		
			2200		
			2300		
			2400		

2500		
2600		
2700		
2800		
2900		
3000		
3100	3977	159
3200	777	137
3300	777	137
3400		
3500		
3600		
3700		
3800		
3900		
4000		

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25			29	
50			54	
100			83	
200				
300				
400				
500				
600				
700				
800				
900				
1000				

Taken at Juneau 2354.

Fishes: several sp., *Macrurus* & others
Stomopteryx, Several spec. of *gymnophorus*,
Macrourus, *Octopus*,
Several young squid, Several sp. small
crabs, 1 blind crab, *Pentaculus*,
Peristedion, *Pinnaclid*, *Hoplostethus*,
Sponges, 3 star stars, 6 soft corals

No. 11. 13

Date 7/1/1912

long.

Machine. Reel.

Turns Cor. + 7 Depth 29 fms.

Shot or lead 21

Bottom 10 fms.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air 34° Surface 38° Drift —

Trawl or dredge —

SOUNDING WIRE. DOWN.	UP.	TURNS.	DREDGE ROPE.	
			DOWN.	UP.
4-31-15	37	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

(2 /)

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

607.

No. 5104

Date

Janner Machine. Reel.

Turns 28 Cor. + 2 Depth 30 fms.

Shot or lead 26 lbs

Bottom 10 ft

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 51 Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS	DREDGE ROPE	
DOWN.	UP.		DOWN.	UP.
5-51-00	51-45	0		
	5	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		89
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		70
		2400		79

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 3205 My Date

Machine. Reel.

Turns 36 Cor. + 2 Depth

Shoot or lead 26 fms.

Bottom Sh. (Porichthys)

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 33° Surface 37° Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		(xxx)		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

April 17

Ammer Machine Reel.

Turns 44 Cor. + 3 Depth 45

Shot or lead 26 lbs

Bottom 1h. crs. S.

Bottom temperature —

No. of thermometer — Cor. —

Corrected temperature —

Air Surface Drift —

Trawl or dredge —

SOUNDING WIRE.		TURNS	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1-39-00	40-00	0		
39-20	39-30	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

507.

Date

No. Danner Machine. Reel.

Turns 46 Cor. + 3 Depth 49

Shot or lead 76 lbs.

Bottom 62° S. T. 62° Sh.

Bottom temperature —

No. of thermometer — Cor.

Corrected temperature —

Air 33° Surface 58° Drift

Trawl or dredge —

SOUNDING WIRE.		TURNS	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
	-30	0		
41-0	8-41-0	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

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2600
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2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 3208 Hyd Date 1878

Tanner Machine. — Recd.

Turns 86 Cor. + 5 Depth 85

Shot or lead 36 lbs.

Bottom 91° S & HK off.

Bottom temperature

No. of thermometer — Cor.

Corrected temperature

Air 55 Surface 58 Drift

Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
15				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom 467 ft.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air 55° Surface 58° Drift

Trawl or dredge

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

11-59-0 12-60-0

0

12-01-0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

61.5
98
71.7
98

No. 3210 Date

Machine. — Reel.

Turns 103 Cor. + 4 Depth 167 fms.

Shot or lead 26 lbs

Bottom mud + sand

Bottom temperature

No. of thermometer Cor. —

Corrected temperature

Air 33 Surface 38 Drift —

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
1105	1105	0		
67-10	1-07-15	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

14
100
4

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COE. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Lost 5-5-fins miss

also - 3/4 way

No. 114 Date

Varner Machine Reel.

Turns 113 Cor. + 5 Depth 118-

Shot or lead 26 lbs

Bottom 2 m. off rocks

Bottom temperature -

No. of thermometer - Cor.

Corrected temperature

Air 33 Surface 38 Drift -

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
2-03-00	2-06-00	0		
2-04-	2-04-0-	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

10.5
11.0
4.5°U

7
9
5

SERIAL TEMPÉRATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Very fine 3° per day

Lat. ~~32° 10' N.~~
 No. 3212 Date
 Machine. Recl.
 Turns 99 Cor. + - 4 Depth 102 =
 Shot or lead 26 lbs.
 Bottom ~~10 m. fms.~~
 Bottom temperature —
 No. of thermometer — Cor. —
 Corrected temperature —
 Air 33 Surface 38 Drift —
 Trawl or dredge —

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
3-03-05-	3-05-40	0		
3-04-02	3-04-10	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

167

47

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
75				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No. 3213 Hyc Date 11.17.04

Tanner Machine. — Reel.

Turns 89 Cor. + 4 Depth 93

Shot or lead 26 lb

Bottom over 1100 fms. up

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift —

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

~~107~~ Long.

No. 111

Date 11/12/11

Machine. — Recl.

Turns 17 Cor. + 1 Depth 20 ✓

Sho~~b~~ or lead 26 lbs.

Bottom gy S

Bottom temperature

No. of thermometer — Cor. —

Corrected temperature —

Air. Surface Drift —

Travel or dredge —

SOUNDING WIRE. DOWN.	UP.	Y TURNS.	DREDGE ROPE.	
			DOWN.	UP.
		0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Long

No.

Date

Machine. Reel.

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.		TURNs	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
		0		
		100		20 - 12
		200		63 - 12
		300		87 - 13
		400		71 - 13
		500		
		600		59 - 16
		700		83 - 19
50	15	800		807 - 18
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		2
		2100		11 - 5
17	17	2200		69
		2300		63
		2400		86

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

No.

Date

Machine.

Reel.

Turns

Cor. +

Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.

TURNS.

DREDGE ROPE.

DOWN.

UP.

DOWN.

UP.

30			0		
30	50	60	100		
31			200		
31	50	60	300		
32	60	70	400		
32	60	70	500		
33			600		
33	44	97	700		
34	51	71	800		
34	51	71	900		
35			1000		
35	61	32	1100		
36	71	26	1200		
37	72	26	1300		
37	72	19	1400		
38	61	19	1500		
38	61	13	1600	500	47 82
39			1700		
39	59	59	1800		
40	58	58	1900		
40	58	5	2000		
41	58	5	2100		
41	58	5	2200		
42	58	5	2300		
42	58	5	2400		

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

Splice at 2928 fms 4730 m

" " 3887 "

" " 3730 "

" " 3802 "

" " 3835 "

" " 4125 "

" " 4432 "

C-2 R

No. October 2 Date

Machine. (Reel.)

Turns Cor. + Depth

Shot or lead

Bottom

Bottom temperature

No. of thermometer

Cor.

Corrected temperature

Air

Surface

Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
50 - 50	1400 + 1387 ⁶⁰	0		100 - 100
100 - 100	50 + 1436 ⁶⁰	100		
	65	200		2000 + 60 ⁶⁰
	53 1/2	300	2000 + 838 ⁶⁰	60 + 4105 ⁶⁰
	1600 + 83 ⁶⁰	400	80 + 85	80 + 53 ⁶⁰
	1600 + 67 ⁶⁰	500		
	81	600		
	17	700	100 + 0.28 ⁶⁰	
	4	800	50 + 5 ⁶⁰	
	18 28	900		21
	77	1000		
	79 + 8	1100		3215
	2000 + 1 75	1200		
	50 + 2021 ⁵⁰	1300	60 + 0	
	71 ⁶⁰	1400	60 + 54 + 800 ⁶⁰	
	1	1500		
	64	1600		
	12	1700		
	65	1800		
	17	1900		
d 1	2400 + 60 ⁶⁰	2000		
	50 + 2408 ⁶⁰	2100		
	2500 + 56 ⁶⁰	2200		
	50 + 2504 ⁶⁰	2300		
	2600 + 51 ⁶⁰	2400		
51	30 + 2048 ⁶⁰			
- 13 38	2700 + 2647 ⁶⁰			

2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000

SERIAL TEMPERATURES.

DEPTH.	TEMP.	NO. OF THER.	COR.	COR. TEMP.
25				
50				
100				
200				
300				
400				
500				
600				
700				
800				
900				
1000				

REMARKS:

1st splice - 280 5" 25.45. 15° 47.69
 2nd splice - 620 9" 26.02
 3rd splice - 877 10" 31.04
 4th splice - 1196 11" 34.82
 5th splice - 1547 12" 38.09

Lat-60° 0' N

507. Long 146° 02' W

No. 3215 Hyd. Date April 18-1892

Tanner Machine. — Reel. —

Turns 52 Cor. + 3 Depth 55

Shot or lead 26 lbs.

Bottom 2. and m.

Bottom temperature

No. of thermometer Cor.

Corrected temperature

Air Surface Drift

Trawl or dredge

SOUNDING WIRE.		TURNS.	DREDGE ROPE.	
DOWN.	UP.		DOWN.	UP.
8:45-00	8-46-00	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		

Part. by 19.4

Cape N. N. about 27° N. Lat / 146° W.



$$\begin{array}{r} 2687 \\ - 308 \\ \hline 2374 \end{array}$$

$$\begin{array}{r} 219 \\ - 199 \\ \hline 208 \\ - 308 \\ \hline 337 \end{array}$$

17⁶₃
17⁶₃
17⁶₃

6.15
6.00
5.00



5000
58W) 3000 P.C.



29 4 6
30 3 4

Trav. Dr.

30 3 18

44 5 2

3

31 3 "

44 5 4
3 1 4
47 6 9

